

May 24, 2023

Docket No.: 52-026

ND-23-0416
10 CFR 52.99(c)(1)

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555-0001

Southern Nuclear Operating Company
Vogtle Electric Generating Plant Unit 4
ITAAC Closure Notification on Completion of ITAAC E.3.9.01.01.01 [Index Number 845]

Ladies and Gentlemen:

In accordance with 10 CFR 52.99(c)(1), the purpose of this letter is to notify the Nuclear Regulatory Commission (NRC) of the completion of Vogtle Electric Generating Plant (VEGP) Unit 4 Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Item E.3.9.01.01.01 [Index Number 845]. This ITAAC confirms that selected Post-Accident Monitoring System parameters are retrievable in the Unit 4 Main Control Room. This ITAAC also confirms that the ranges of these parameter value displays encompass the values specified in the emergency classification and Emergency Action Level scheme. The closure process for this ITAAC is based on the guidance described in Nuclear Energy Institute (NEI) 08-01, "Industry Guideline for the ITAAC Closure Process Under 10 CFR Part 52," which was endorsed by the NRC in Regulatory Guide 1.215.

This letter contains no new NRC regulatory commitments. Southern Nuclear Operating Company (SNC) requests NRC staff confirmation of this determination and publication of the required notice in the Federal Register per 10 CFR 52.99.

If there are any questions, please contact Kelli Roberts at 706-848-6991.

Respectfully submitted,



Jamie M. Coleman
Regulatory Affairs Director Vogtle 3 & 4

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 4
Completion of ITAAC E.3.9.01.01.01 [Index Number 845]

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cc: Regional Administrator, Region II
 Director, Office of Nuclear Reactor Regulation (NRR)
 Director, Vogtle Project Office NRR
 Senior Resident Inspector – Vogtle 3 & 4

**Southern Nuclear Operating Company
ND-23-0416
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 4
Completion of ITAAC E.3.9.01.01.01 [Index Number 845]**

ITAAC Statement

Program Commitment

1.1 An emergency classification and emergency action level (EAL) scheme must be established by the licensee. The specific instruments, parameters, or equipment status shall be shown for establishing each emergency class, in the in-plant emergency procedures. The plan shall identify the parameter values and equipment status for each emergency class. [D.1]

Inspections/Tests/Analyses

1.1.1 An inspection of the control room will be performed to verify that the displays for retrieving system and effluent parameters specified in the Southern Nuclear Operating Company Standard Emergency Plan VEGP Units 3 and 4 Annex, Appendix B, *Emergency Action Level (EAL) Scheme* are installed and perform their intended functions.

Acceptance Criteria

1.1.1 The parameters specified in UFSAR Table 7.5-1, *Post-Accident Monitoring System*, are retrievable in the control room. The ranges of values of these parameters that can be displayed encompass the values specified in the emergency classification and EAL scheme

ITAAC Determination Basis

An inspection of the VEGP Unit 4 main control room (MCR) was performed to verify that the Unit 4 MCR displays for retrieving Unit 4 system and effluent parameters specified in the Southern Nuclear Operating Company Standard Emergency Plan Annex for Vogtle Electric Generating Plant Units 3 and 4, Appendix B, Emergency Action Level (EAL) Scheme (Reference 1), are installed and perform their intended functions. Specifically, the inspection verified that the parameters specified in VEGP 3&4 Updated Final Safety Analysis Report (UFSAR) Section 7.5, Table 7.5-1, Post-Accident Monitoring System (Reference 2), are retrievable and displayed in the Unit 4 MCR and that the displayed ranges of these parameters in the Unit 4 MCR encompass the values specified in the emergency classification and EAL scheme specified in Reference 1.

The inspection was performed as described in ITAAC Technical Report SV4-ERO-ITR-800845 (Reference 3), and verified that each of the plant parameters identified in Reference 2 can be retrieved and displayed in the Unit 4 MCR. The inspection also verified that the displayed ranges of these parameters in this facility encompassed the values specified in the Reference 1 emergency classification and EAL scheme. The inspection results are documented in Reference 3 and verify that the plant parameters listed in UFSAR Table 7.5-1, Post-Accident Monitoring System, are retrievable and can be displayed in the Unit 4 MCR and that the ranges of values of these parameters displayed in this facility encompass the values specified in the emergency classification and EAL scheme.

Reference 3 is available for NRC inspection as part of the ITAAC E.3.9.01.01.01 Completion Package (Reference 4).

ITAAC Finding Review

In accordance with plant procedures for ITAAC completion, Southern Nuclear Operating Company (SNC) performed a review of all findings pertaining to the subject ITAAC and

associated corrective actions. This review found there were no relevant ITAAC findings associated with this ITAAC. The ITAAC completion review is documented in the ITAAC Completion Package for ITAAC E.3.9.01.01.01 (Reference 4) and is available for NRC review.

ITAAC Completion Statement

Based on the above information, SNC hereby notifies the NRC that ITAAC E.3.9.01.01.01 was performed for VEGP Unit 4 and that the prescribed acceptance criteria are met.

Systems, structures, and components verified as part of this ITAAC are being maintained in their as-designed, ITAAC compliant condition in accordance with approved plant programs and procedures.

References (available for NRC inspection)

1. Southern Nuclear Operating Company Standard Emergency Plan Annex for Vogtle Electric Generating Plant Units 3 and 4, Appendix B, Emergency Action Level (EAL) Scheme, Revision 6
2. VEGP 3&4 Updated Final Safety Analysis Report, Section 7.5, Table 7.5-1, Post-Accident Monitoring System, Revision 11.2
3. SV4-ERO-ITR-800845, Unit 4 ITAAC 845 Displays: ITAAC E.3.9.01.01.01, Rev 0
4. E.3.9.01.01.01-U4-CP-Rev0, ITAAC Completion Package